

Form 1449*	Atty. Docket No.: 1528.005US1	Serial No. Unknown
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Michael E. Childs et al.	
	Filing Date: Herewith	Group: Unknown

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10/08/97
02/28/02

U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<u>Rm</u>	5,995,970	11/30/1999	Robinson, S., et al.	707	101	08/01/97
<u>Rm</u>	6,317,684	11/13/2001	Roeseler, A., et al.	701	202	12/22/99
<u>Rm</u>	6,317,687	11/13/2001	Morimoto, K., et al.	701	211	10/05/92
<u>Rm</u>	6,321,158	11/20/2001	DeLorme, D.M., et al.	701	201	08/31/98

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
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OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

<u>Rm</u>	"An optimal pathfinder for vehicles in real-world digital terrain maps", http://www.nease.net/jamsoft/shortestpath/pathfinder/4.html , 11 pages, (1999)
<u>Rm</u>	"Informed Search Methods", <u>Artificial Intelligence, A Modern Approach</u> , Prentice Hall, Inc., pp. 92-115, (1995)
<u>Rm</u>	"Real-Time Vehicle Routing in Dynamic and Stochastic Urban Traffic Networks", http://www.gpu.srv.ualberta.ca/lfu/research.htm , pp. 1-3, (1997)
<u>Rm</u>	Ahuja, R., et al., "Faster Algorithms for the Shortest Path Problem", <u>Journal of the Association for Computing Machinery</u> , 37(2), pp. 213-223, (1990)
<u>Rm</u>	Cung, V., et al., "An Efficient Implementation of Parallel A *", <u>CFPAR</u> , Montreal, Canada, pp. 153-167, (1994)
<u>Rm</u>	Fredman, M., et al., "Fibonacci heaps and their uses in improved network optimization algorithms", <u>Journal of the ACM</u> , 34(3), 2 pages, (1987)
<u>Rm</u>	Fu, L., "Heuristic Shortest Path Algorithms and their Potential IVHS Applications", <u>Proceedings of the Fourth University of Alberta - University of Calgary, Joint Graduate Student Symposium in Transportation Engineering</u> , pp. 83-109, (1995)
<u>Rm</u>	Ikeda, T., et al., "A Fast Algorithm for Finding Better Routes by AI Search Techniques", <u>Vehicle Navigation and Information Systems Conference Proceedings</u> , pp. 291-296, (1994)
<u>Rm</u>	Kaindl, H., et al., "Memory-Bounded Bidirectional Search", <u>Proceedings of the 12th National Conference on Art</u> , AAAI Press, Seattle, WA, pp. 1359-1364, (1994)

Examiner

Date Considered

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OTHER DOCUMENTS

**Examiner
Initial

(Including Author, Title, Date, Pertinent Pages, Etc.)

<i>RM</i>	Laporte, G., "The Vehicle Routing Problem: An overview of exact and approximate algorithms", <u>European Journal of Operational Research</u> , 59, pp. 345-358, (1992)
<i>RM</i>	Myers, B., "Data Structures for Best-First Search", http://www4.ncsu.edu/jbmyers/dsai.htm , pp. 1-6, (1997)
<i>RM</i>	Ronngren, R., et al., "Parallel and Sequential Priority Queue Algorithms", <u>ACM Transactions on Modeling and Computer Simulation</u> , 7(2), pp. 168-172, 198, 199, (1997)
<i>RM</i>	Stout, B., "Smart Moves: Intelligent Pathfinding", <u>Gamasutra</u> , http://www.gamasutra.com/features/programming/080197/pathfinding.htm , pp. 1-11, (1997)
<i>RM</i>	Wai, L., et al., "Comparative Study of Shortest Path Algorithm for Transport Network", <u>USRP Report 2</u> , http://www.comp.nus.edu.sg/leonghoe/USRPreport-txt.html , pp. 1-10, (1999)
<i>RM</i>	Zhan, F.B., "Three Fastest Shortest Path Algorithms on Real Road Networks: Data Structures and Procedures", <u>Journal of Geographic Information and Decision Analysis</u> , 1(1), http://www.geog.uwo.ca/gimda/journal/vol1.1/Zhan/Zhan.htm , 11 pages, (1997)
<i>RM</i>	Zhao, Y., et al., "An Adaptive Route-Guidance Algorithm for Intelligent Vehicle Highway Systems", <u>American Control Conference, Boston, MA</u> , Department of Electrical Engineering and Computer Science, The University of Michigan, pp. 2568-2573, (1991)

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David Mando

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9-3-03

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